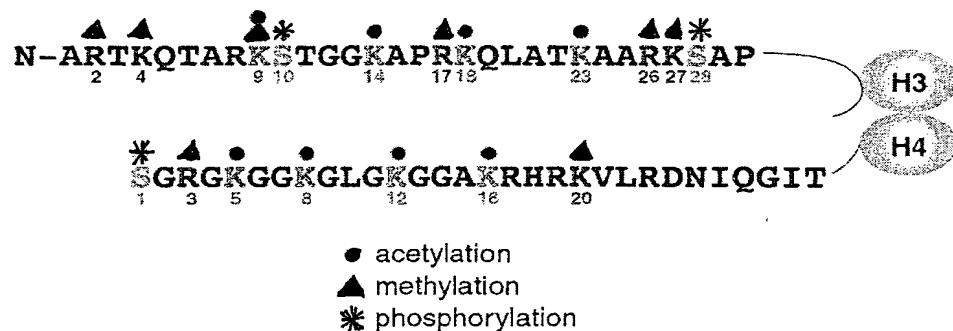


Express Mail Label No.: EV292547285US  
Inventors: Alice Y. Ting  
Title: GENETICALLY ENCODED FLUORESCENT  
REPORTERS OF KINASE, METHYLTRANSFERASE,  
AND ACETYL-TRANSFERASE ACTIVITIES  
Date of Deposit: August 5, 2003  
Docket No.: M00656.70097.US

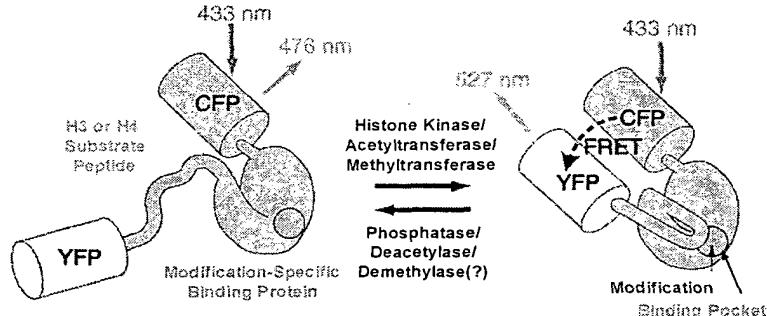
Fig. 1



Express Mail Label No.: EV292547285US  
Inventors: Alice Y. Ting  
Title: GENETICALLY ENCODED FLUORESCENT  
REPORTERS OF KINASE, METHYLTRANSFERASE,  
AND ACETYL-TRANSFERASE ACTIVITIES  
Date of Deposit: August 5, 2003  
Docket No.: M00656.70097.US

Fig. 2

2A



2B

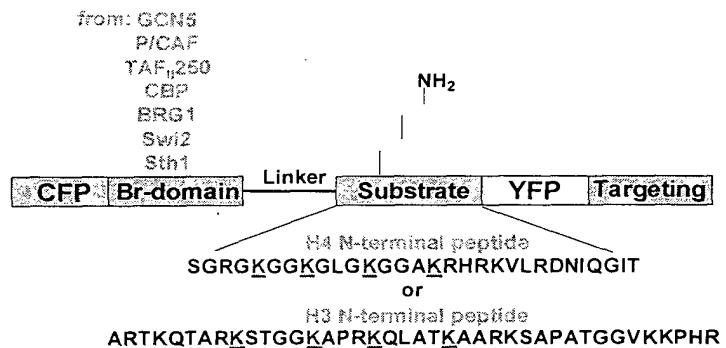
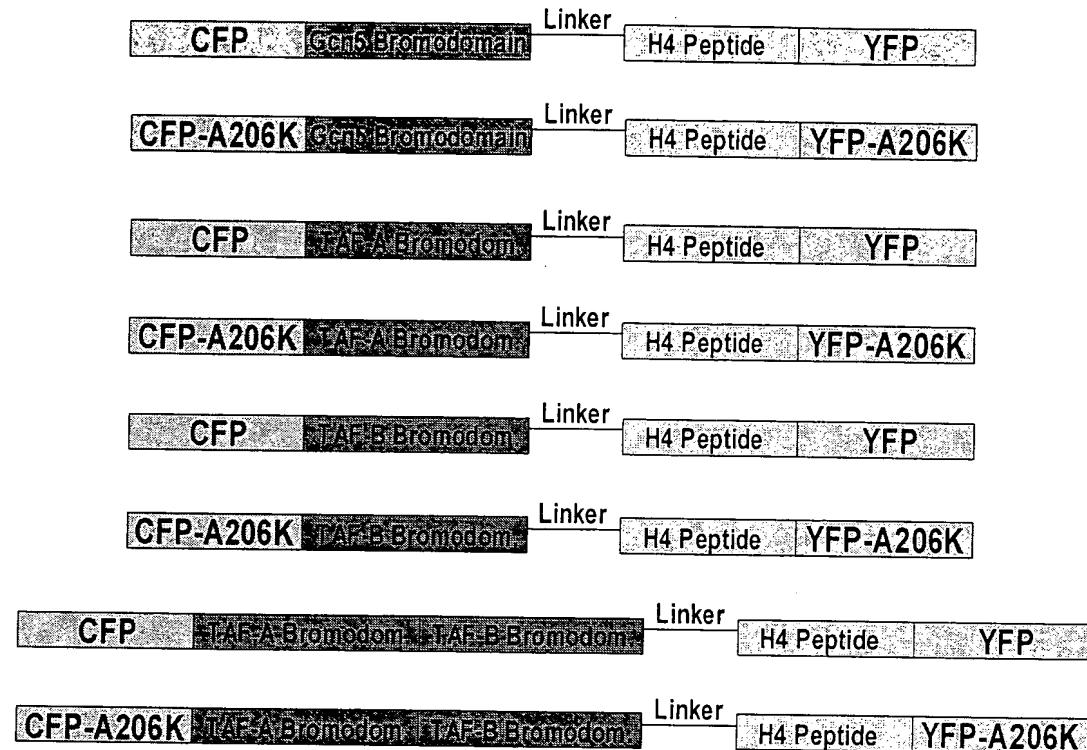
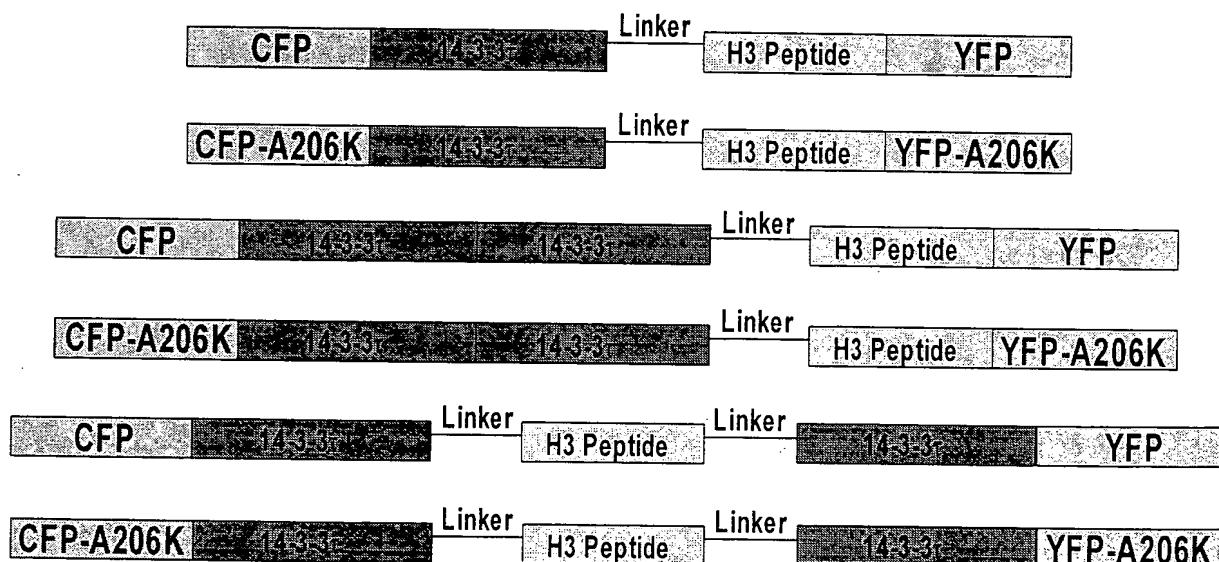


Fig. 3

3A



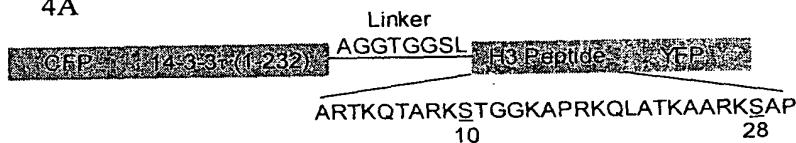
3B



Express Mail Label No.: EV292547285US  
Inventors: Alice Y. Ting  
Title: GENETICALLY ENCODED FLUORESCENT  
REPORTERS OF KINASE, METHYLTRANSFERASE,  
AND ACETYL-TRANSFERASE ACTIVITIES  
Date of Deposit: August 5, 2003  
Docket No.: M00656.70097.US

Fig. 4

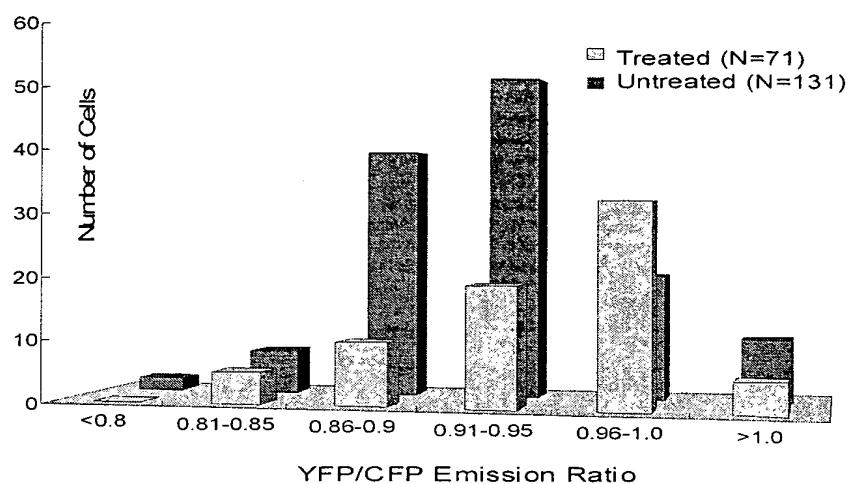
4A



4B

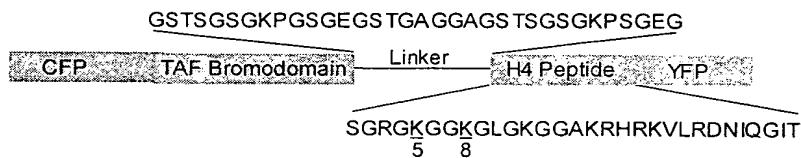
Western blot analysis of kinase activity. Lanes are grouped by kinase: S28A, S10A, S10,28A, and K49E. Within each group, lanes are labeled with kinase, ATP, and reaction conditions. The bottom row shows immunoblotting for  $\alpha$ -pSer28 and  $\alpha$ -pSer10.

Fig. 5



Express Mail Label No.: EV292547285US  
Inventors: Alice Y. Ting  
Title: GENETICALLY ENCODED FLUORESCENT  
REPORTERS OF KINASE, METHYLTRANSFERASE,  
AND ACETYL-TRANSFERASE ACTIVITIES  
Date of Deposit: August 5, 2003  
Docket No.: M00656.70097.US

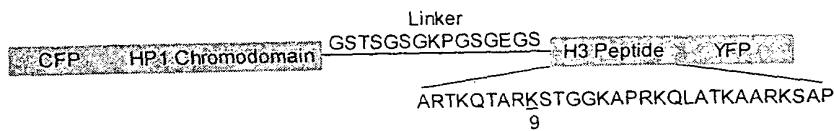
Fig. 6



Express Mail Label No.: EV292547285US  
Inventors: Alice Y. Ting  
Title: GENETICALLY ENCODED FLUORESCENT  
REPORTERS OF KINASE, METHYLTRANSFERASE,  
AND ACETYL-TRANSFERASE ACTIVITIES  
Date of Deposit: August 5, 2003  
Docket No.: M00656.70097.US

**Fig. 7**

**7A**



**7B**

